WESTON SOLUTIONS, INC.		SOIL BORING LOG			
Project	Turkey Brook	**Boring ID**	SB-09	**Groundwater Levels**	
Location	Oakville, Connecticut	**Well ID**	NA	**Date**	**Depth**
Date Drilled	November 21, 2013	**Drilling Method**	Direct Push	NA	NA
Drilling Company	U.S. EPA OEME*	**Sampling Method**	4-ft. Macrocore		
Operator	Jerry Keefe/Dan Granz	**Completion Depth**	10 feet bgs		
Drill Rig	Geoprobe	**Surface Elevation**	NA		
Logged by	George Mavris - Weston, Superfund Technical Assessment and Response Team (START)				

Depth (ft bgs)	Macrocore Number	Recovery (inches)	Soil Description (Burmister System)	PID Screen (ppm)**
1_ 2_ 3_ 4_	1	27	0 - 1" Dark brown, fine SAND and SILT (topsoil). Moist. 1 - 11" Dark brown, medium SAND, little coarse-to-fine gravel (SubR) and silt. Moist. [Fill]. 11 - 15" White, coarse GRAVEL (SubA, granitic). Dry. [Fill]. 15 - 27" Dark brown, fine SAND, some silt, trace fine gravel. Moist. [Fill].	Top = 0.1 Bottom = 0.1 Length = 0
5_ 6_ 7_ 8_	2	38	0 - 17" Brown and black, fine-to-medium SAND, little fine-to-coarse gravel (SubA), trace silt. Moist. [Fill]. 17 - 19" Grayish-white, coarse GRAVEL (SubR, gneissic). Dry. [Fill]. 19 - 33" Brown, coarse-to-medium SAND, little coarse-to-fine gravel, trace silt. Moist. [Fill]. 33 - 38"*** Blackish-gray, coarse-to-medium SAND (petroleum odor), trace fine gravel. Moist. [Fill].	Top = 0.3 Bottom = 2.2 Length = 7.6
9_ 10_ 11_ 12_	3	17	0 - 17" Light brown, fine-to-medium SAND, trace fine-to-coarse gravel (SubA) and silt. Moist. [Fill]. **- Refusal at 10 feet bgs -**	Top = 2.1 Bottom = 0.3 Length = 0

Notes:
bgs = below ground surface
ft = feet
ppm = parts per million
NA = Not Applicable
SubA = subangular
SubR = subrounded
PID = Photoionization Detector

PROPORTIONS USED (BY DRY WEIGHT)
0 to 10% = Trace
>10 to 20% = Little
>20 to 35% = Some
>35 to 50% = And
> 50% = Major

* United States Environmental Protection Agency, Office of Environmental Measurement and Evaluation
** MultiRAE Plus Systems multi-gas photoionization detector calibrated to 100 ppm isobutylene, 50 ppm carbon monoxide, 25 ppm hydrogen sulfide, 20.9% oxygen, and 50% methane.
*** Soil sample SB-09 collected from 33 to 38-inch interval from Macrocore No. 2 (4 - 8 feet). PID = 7.6 ppm.

Analytical results for Total Petroleum Hydrocarbons (C9 - C36) = 12,000 milligrams per kilogram (mg/Kg).